

## Grade 9 Math

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- Please feel free to contact me by telephone (mornings) or e-mail if you have questions, need information, would like to find out about homework that will be missed due to your child's absence, etc. Please also see the wiksispace above. I will be posting information, daily homework, important dates, etc.
- Also, please sign up with your e-mail address (or send me an e-mail) that you'd like me to use to contact you with information regarding your child.

## Course Description and Information

**It is extremely important that your child has the following materials for EVERY class.** If your child does not have these in class, they will have difficulty following the lesson and doing the work at end of class.

\*\*\*Of particular importance is a **scientific calculator** which your child needs immediately for class and will use the entire year (and years to follow in Math).\*\*\*\*

- textbook (provided - must be returned at end of year in good condition)
- Scientific calculator \* pencil and eraser
- red pen \* ruler
- ring binder \* graph paper
- duo-tang/small binder for portfolio (needed sometimes)\* geometry set (certain units)

> French is the language of instruction and it is expected that students always communicate with the teacher and their peers in French. Use of French will appear as a comment on the report card

> Use of cell phone /communication device in classrooms is prohibited.. as per divisional policy. If a cell phone is in class, it should remain out of sight (in purse, pocket, backpack, etc.) and turned off.

## Tips for a Successful year in Math

- always bring ALL materials to class
- use a pencil, ruler and eraser always for Math work and for tests
- copy ALL **notes** that teacher writes down.. **in the same way it is written on the board**
- **do practice questions assigned by teacher immediately and seek help as needed while completing. Be sure to correct answer.**
- start homework in class when possible – seek help regarding any questions before leaving classroom
- **do ALL homework (use notes as a reference in completing homework) – consider doing Math at lunchtime**
- **Correct ALL homework** using answers in text or given answer keys, then make corrections.
- If a student doesn't know how to correct a question, then he/she should be sure to find out how to complete that question correctly

**Textbook:** *Liens Mathématiques 9* : Semester 1 chapters 2,3,4,5,6; Semester 2 chapters 8,9,10, 11,1,4

**Chapters:** 2 Rational Numbers; 3 Powers and Exponents; 4 and 5 Polynomials; 6 Linear Relations 8 Solving Equations; 9 Linear Inequalities; 11 Data Analysis (Probability and Statistics); 10 Circle Geometry; 1 Symmetry and Surface Area; 4 Scale Factors and Similarity

**Evaluation :**

> The final mark for the course will be as follows:

- \*Tests, Quizzes, Mental Math, Understanding Checks 55 %
- \*Homework, projects, presentations, portfolio 20%
- \*mid-term exam (January) : 10 %
- \*Final exam (June): 15%

Students **who do not submit larger projects and presentations on time** may have some of the following in place to support them so that they can complete the project (following provincial evaluation guidelines):

- conference with parent and students to discuss the reasons for the assignment not being completed
- student staying at lunch time in the resource room every lunch hour until project is completed
- possible peer tutor to help student with project completion
- marks possibly deducted for project being submitted after deadline.

> Tests

- every 2-3 weeks (usually Friday)
- Students should endeavour to always be present in class for each test day.
- based on new material and also cumulatively based on previous material

**\*\*If a student knows he/she will miss a test, the student should tell me before the test (or send an e-mail) to arrange a time to write the test. If the student will miss the test due to illness, please phone the school. The student should expect to write the test upon return to school. A student must bring a note or have parent phone/e-mail regarding absence before missed test can be written. **A student who misses a test due to an unexcused absence may receive a mark of 0.** Students are expected to keep parents informed of progress by having tests signed. *Please watch for tests coming home every 2-3 weeks (usually on Monday or Tuesday).***

> Mental Math

Mental Math takes place right at the start of the class. Punctuality is very important as a student who arrives late will miss this activity that day. Mental Math forces students to think about numbers and about relations between these numbers.

> Completing Math Homework is Vital for Success in Math!

- Just as we learn to play a sport or a musical instrument by practicing (and not just by watching the instructor), **we learn Math by doing**. The daily completion of all assigned Math homework is critical to your child learning the skills in this subject. Please help your child as needed to find a place in your home and a daily time to finish homework not completed in class.
- Students will usually have homework assigned during class and will generally be given some class time to get started on the assignment. It is important they use that time to make sure they understand the assignment before leaving class.

**\*\*It is the student's responsibility to do all homework, even when he/she is absent. She/he should ask for the missed assignment from the teacher (before missed class if known in advance; before/ after class or by e-mail from teacher, from a classmate, or by checking wiki [see address at top of reverse side of page]).\*\***